We Claim:

1. A device for emission of laser radiation, comprising:

at least one semiconductor laser having:

a resonator; and

a pumped active zone disposed within said resonator, said zone being subdivided into at least two spatially separated active zones by free-radiation regions without lateral wave guidance.

2. The device according to claim 1, wherein:

said at least one semiconductor laser is at least two semiconductor lasers;

said semiconductor lasers:

have at least one end;

are disposed in series; and

have sides and an antireflection-coating at least on one of said sides;

said semiconductor lasers have outer mirror elements at said end of said semiconductor lasers disposed in series; and

said outer mirror elements forms said resonator.

- 3. The device according to claim 2, wherein said semiconductor lasers are two surface-emitting lasers disposed at a distance from one another and have antireflection-coated top sides facing one another.
- 4. The device according to claim 2, wherein said semiconductor lasers are two surface-emitting lasers disposed at a distance from one another;

said lasers have antireflection-coated top sides; and said top sides face one another.

- 5. The device according to claim 2, wherein said semiconductor lasers are two broad-stripe lasers disposed at a distance from one another and have antireflection-coated end faces facing one another.
- 6. The device according to claim 2, wherein said semiconductor lasers are two broad-stripe lasers disposed at a distance from one another;

said lasers have antireflection-coated end faces; and said end faces face one another.

- 7. The device according to claim 5, wherein said lasers have a substrate and are formed on said substrate.
- 8. The device according to claim 5, further comprising a substrate, said lasers being formed on said substrate.
- 9. The device according to claim 2, wherein said semiconductor lasers have optical axes and said semiconductor lasers are oriented with said optical axes parallel to one another.
- 10. The device according to claim 2, wherein said semiconductor lasers are disposed from one another at a distance between approximately 1 μm and approximately 10 m.
- 11. The device according to claim 9, wherein said semiconductor lasers are disposed from one another at a distance between approximately 1 μm and approximately 10 m.

- 12. The device according to claim 1, further comprising a frequency-selective element disposed in at least one of said free-radiating regions.
- 13. The device according to claim 12, wherein said frequency-selective element is a Bragg grating.
- 14. The device according to claim 1, further comprising an imaging optical element disposed in at least one of said free-radiating regions.
- 15. The device according to claim 5, wherein:

at least one of said broad-stripe lasers have an exit window and an active zone defining an active zone plane; and

an imaging optical element is disposed in at least one of said free-radiating regions and is a cylindrical lens having a focal line lying in said active zone plane at said exit window.

16. The device according to claim 1, wherein at least one of said free-radiating regions is formed of a medium having a low absorption coefficient.

- 17. The device according to claim 1, further comprising a substrate, said lasers being formed on said substrate, at least one of said free-radiating regions being formed of a medium having an absorption coefficient less than at least one of the group consisting of an adjoining region and said substrate.
- 18. The device according to claim 5, wherein:

said pump zone has a band gap; and

at least one of said free-radiating regions is formed of a section having a band gap greater than said band gap in said pump zone.

19. The device according to claims 16, wherein:

said pump zone has a band gap;

said semiconductor lasers are two broad-stripe lasers disposed at a distance from one another and have antireflection-coated end faces facing one another; and

at least one of said free-radiating regions is formed of a section with a band gap greater than said band gap in the pump zone.

20. The device according to claims 17, wherein:

said pump zone has a band gap;

said semiconductor lasers are two broad-stripe lasers disposed at a distance from one another and have antireflection-coated end faces facing one another; and

at least one of said free-radiating regions is formed of a section with a band gap greater than said band gap in the pump zone.

21. In a semiconductor laser, an emission device for emitting laser radiation, comprising:

a resonator; and

a pumped active zone disposed within said resonator, said zone being subdivided into at least two spatially separated active zones by free-radiation regions without lateral wave guidance.